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STATE OF SOUTH CAROLINA

S. C. PUBLIC SERVICE COMMISSION  
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BEFORE THE SOUTH CAROLINA PUBLIC SERVICE COMMISSION

DOCKET NO.

96-188-E

ACCEPTED  
Legal 3/23 6-10-96

In the Matter of  
  
Application of Carolina Power & Light Company  
for a Certificate of Environmental Compatibility  
and Public Convenience and Necessity  
to Construct a 230 kV Transmission Tap Line  
and Substation in Florence County

) CAROLINA POWER & LIGHT  
) COMPANY'S APPLICATION  
) FOR A CERTIFICATE OF  
) ENVIRONMENTAL  
) COMPATIBILITY AND  
) PUBLIC CONVENIENCE  
) AND NECESSITY

COMES NOW, Carolina Power & Light Company ("CP&L") pursuant to S.C. Code Ann. §§  
58-33-110 et. seq. and files its Application for a Certificate of Environmental Compatibility and  
Public Convenience and Necessity to construct a 230 kV substation and approximately 1.3 miles of  
230 kV transmission tap line, in Florence County, South Carolina, in the City of Florence. In  
support thereof, CP&L shows the following:

1. CP&L is a corporation duly organized and existing under the laws of the State of North  
Carolina, authorized to do business in South Carolina. Its principal office is located at 411  
Fayetteville Street Mall, Post Office Box 1551, Raleigh, North Carolina 27602-1551. CP&L is a  
public utility engaged in the business of developing, generating, transmitting, distributing and selling  
electric power in North and South Carolina.

2. The attorneys for CP&L to whom all communications and pleadings should be  
addressed are: William F. Austin, Austin Law Firm, Post Office Box 12396, Columbia, South  
Carolina 29211, Telephone: (803) 799-9435 and Len S. Anthony, Carolina Power & Light  
Company, Post Office Box 1551, Raleigh, North Carolina 27602-1551, Telephone: (919) 546-6367.

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UTILITIES DEPARTMENT

3. Due to the growing demand for electricity in the northwest area in and around the City of Florence, particularly along Business I-20 and South Carolina Highway 29 (Cashua Drive), CP&L's existing distribution and transmission facilities are not able to reliably provide adequate service to this area during peak periods. Since 1994, this area has experienced a growth rate of 63%. This level of growth has caused the facilities used to serve this area, at times, to exceed the applicable recommended loading guidelines by 7%. To relieve this situation and accommodate further growth in the northwest portion of Florence, CP&L needs to construct a new substation and approximately 1.3 miles of transmission tap line.

4. The proposed substation will be located on Darlington Street approximately .7 miles north of the Five Points area in Florence. CP&L has already purchased the necessary property to construct the substation. The new transmission tap line, to be known as the Florence-Cashua line, will connect to the existing Florence-Kingtree 230 kV transmission line approximately .4 miles east of the Interstate 95 and Sumter Street intersection and proceed approximately 1.3 miles in a southerly direction to the new substation. These new facilities will improve reliability in the area in question, reduce line losses, and provide for future load growth. In addition, substantial line loss savings will result because the new facilities will be constructed near the commercial/industrial load center in this area. In fact, the new substation will be located within one mile of at least 25 MVA of existing electric demand. In addition, most of the forecasted new load in this area will be located within a one mile radius of the new substation.

5. In order for CP&L to construct this new substation and transmission line, it must first obtain a Certificate of Environmental Compatibility and Public Convenience and Necessity from the Commission pursuant to S.C. Code Ann. §§ 58-33-110 et. seq. Attached hereto and identified as

“Attachment I” is a Certificate Application Report prepared by CP&L in support of its Application.

This report satisfies all of the requirements of S.C. Code Ann. § 58-33-120.

6. Pursuant to S. C. Code Ann. §58-33-120, this Application and notice of filing date has been served upon:

South Carolina Aeronautics Commission

South Carolina Department of Health and Environmental Control

South Carolina Department of Commerce

Water Pollution Control: South Carolina Department of Health and Environmental Control

Bureau of Air Quality Control: South Carolina Department of Health and Environmental Control

South Carolina Department of Natural Resources

South Carolina Department of Parks, Recreation and Tourism

South Carolina Department of Archives & History

South Carolina State Forestry Commission

South Carolina Department of Highways & Public Transportation

Florence County Administrator

Florence County Economic Development Director

Florence County Council Chairman

Mayor of Florence

Florence County Emergency Preparedness

The City Manager on behalf of the Community Development Director & Planning and

Development Director

Chairperson of the Florence City Council

Proof of such service is attached hereto and identified as Attachment II. Public Notice of the Application was provided to the residents of the City of Florence and the affected areas of Florence County by publication of Attachment III, Summary of the Application and Notice of Intent to File, in The Florence Morning Journal. Proof of such publication is attached hereto and identified as Attachment IV.

WHEREFORE, CP&L respectfully requests the Commission to grant CP&L a Certificate of Environmental Compatibility and Public Convenience and Necessity to construct a new substation and 230 kV transmission line 1.3 miles in length in Florence County, South Carolina, on the northwest side of the City of Florence.

Respectfully submitted this the 7th day of June, 1996.

CAROLINA POWER & LIGHT COMPANY

By: 

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